

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

PATENT APPLICATION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450 on July 25, 2003.

Stephen A. Slusher, Reg. No. 43,924

RECEIVED  
JUL 30 2003  
TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/308,150  
Applicant : Waltherus J.W. van Venrooij, et al.  
Filed : September 30, 1999  
Title : PEPTIDE DERIVED FROM AN ANTIGEN RECOGNIZED BY AUTOANTIBODIES FROM PATIENTS WITH RHEUMATOID ARTHRITIS, ANTIBODY DIRECTED AGAINST SAID PEPTIDE, A COMBINATORIAL ANTIGEN, AND A METHOD OF DETECTING AUTOIMMUNE ANTIBODIES

TC/A.U. : 1644  
Examiner : A. DeCloux

**Mail Stop: AF**  
Commissioner for Patents  
United States Patent and Trademark Office  
PO Box 1450  
Alexandria, Virginia 22313-1450

RECEIVED  
JUL 31 2003  
TECH CENTER 1600/2900

TRANSMITTAL OF INVENTOR - GERARDUS ANTONIUS SCHELLEKENS DECLARATION

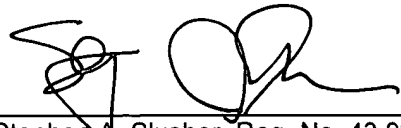
Sir:

Attached please find a Declaration executed by the inventor-**Gerardus Antonius Schellekens** for filing in the above-identified patent application. Charge any required fees for this filing to Deposit Account No. 13-4213. Please contact the undersigned if you have any questions.

Respectfully submitted,

PEACOCK, MYERS & ADAMS, P.C.  
Attorneys for Applicant(s)  
P. O. Box 26927  
Albuquerque, New Mexico 87125-6927  
Telephone: (505) 998-1500  
Facsimile No. (505) 243-2542

By:

  
Stephen A. Slusher, Reg. No. 43,924  
Direct line: (505) 998-6130

**Customer No. 005179**

**ASSIGNMENT OF INVENTION AND PATENT RIGHTS**

Inventors: **WALTHERUS JACOBUS WILHELMUS VAN VENROOIJ  
GERARDUS ANTONIUS SCHELLEKENS  
JOZEF MARIA HENDRIK RAATS  
RENE MICHAEL ANTONIUS HOET**

Serial No.: **10/308,150**

Filing Date: **September 30, 1999**

For valuable consideration received or to be received, and hereby acknowledged, GERARDUS ANTONIUS SCHELLEKENS of Tondeloos 36, 5231 WB Den Bosch, the Netherlands, (hereinafter referred to as "Inventor"), hereby sells, assigns and transfers unto STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN of Van Vollenhovenlaan 661, 3527 JP Utrecht, the Netherlands, its successors and assigns (hereinafter referred to as "Assignee") (it being understood that Assignee has obtained such ownership interest under Dutch law pursuant to an acquisition of rights held by the prior employer of Inventor, Nederlandse Organisatie voor wetenschappelijk Onderzoek), the entire interest for the United States of America, including all rights of priority under the international conventions and treaties, in and to a certain invention or improvement known as *Peptide Derived from an Antigen Recognized by Autoantibodies from Patients with Rheumatoid Arthritis, Antibody Directed Against Said Peptide, A Combinatorial Antigen and A Method of Detecting Auto-Immune Antibodies*, and described in an application filed in the United States Patent and Trademark Office on September 30, 1999, as Attorney Docket No. 30394-1027, and given U.S. Patent Application Serial No. 10/308,150, which claims priority of International Application Serial No. PCT/NL97/00624 filed November 14, 1997, for Dutch Patent Application Serial No. 1004539 filed November 15, 1998, and in all Letters Patent of the United States which may or shall be granted on said invention, or any parts thereof, or on said application, or on any provisional, utility, divisional, continuing, continuation-in-part, reissue, reexamination or other applications based in whole or in part thereon. And Inventor agrees hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper in Assignee's sole discretion to secure to Assignee the grant of Letters Patent in the United States as Assignee may determine in its sole discretion, with specifications and claims in such form as shall be approved by



Assignee's counsel, and to vest and confirm in Assignee the legal and equitable title and full use and benefit of all such patents.

This assignment is limited solely to an assignment of rights for the United States of America, and is not to be used in any litigation, proceeding or legal action in any other country, including The Netherlands, or in the United States other than as to ownership of the subject Letters Patent.

Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office, to issue such Letters Patent as shall be granted on said application or applications based thereon to Assignee.

DATED this 2 day of July, 2003.

  
Gerardus Antonius Schellekens

APOSTILE

(Convention de La Haye Du October 5, 1961)

Country: The Netherlands

This public document has been signed by Gerardus Antonius Schellekens, acting in his own behalf in the capacity of inventor/assignor, bears the seal/stamp of

\_\_\_\_\_  
Name of Notary Public

Certified

at \_\_\_\_\_ by \_\_\_\_\_  
(name of Notary Public), Seal/Stamp  
No. \_\_\_\_\_

[SEAL/STAMP]

\_\_\_\_\_  
Signature, Notary Public

[G:\ASSIGN\Los&Sigter-VanVennoli-Schellekens.asn-rev.doc]



VAN HUORN;

US 44071 US

PCT Applicant's Guide -- Volume II -- National Chapter -- US

Annex US.III, page 1

Please type a plus sign (+) inside this box → ☒

PTO/SB/01 (12-97)

Approved for use through 8/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

+

# DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☐ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 30394-1027

First Named Inventor Van Venrooij

## COMPLETE IF KNOWN

Application Number 09 / 308,150

Filing Date 13 May 1999

Group Art Unit 1644

Examiner Name A.M. DeCloux

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PEPTIDE DERIVED FROM AN ANTIGEN RECOGNIZED BY AUTOANTIBODIES  
FROM PATIENTS WITH RHEUMATOID ARTERITIS, ANTIBODY DIRECTED  
AGAINST SAID PEPTIDE, A COMBINATORIAL ANTIGEN AND A METHOD OF  
DETECTING AUTO-IMMUNE ANTIBODIES**

the specification of which

(Title of the Invention)

☐ is attached hereto OR☒ was filed on (MM/DD/YYYY) November 14 1997 as United States Application Number or PCT International

Application Number PCT/NL97/00624 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(e) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/NL97/00624	Netherlands		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
NL 1004539			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Page 1 of 2)

**Burden Hour Statement:** This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

(July 1998)

Please type a plus sign (+) inside this box ☐

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION — Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.55 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☒ Customer Number **005179** ☐ OR ☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
Jeffrey D. Myers	35,964		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number **005179** ☐ OR ☒ Correspondence address below

Name	Jeffrey D. Myers				
Address	PEACOCK, MYERS & ADAMS				
Address	Post Office Box 26927				
City	Albuquerque	State	NM	ZIP	87125-6927
Country	US			Fax	(505) 243-2542

I hereby declare that all statements made herein are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: *handwritten: Jeffrey Van der Venrooy* ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Family Name or Surname
WALTHERUS JACOBUS WILHELMUS	VAN VENROOIJ

Inventor's Signature	Date
Residence: City	Nijmegen
State	
Country	Netherlands
Citizenship	Dutch
Post Office Address	Elcomboraweg 16
Post Office Address	NL-6523 XV
City	Nijmegen
State	
ZIP	
Country	Netherlands

☒ Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box → ☐

PTO/5B/02A (3-97)

Approved for use through 2/30/98. CMB 0851-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION

## ADDITIONAL INVENTOR(S)

## Supplemental Sheet

Page 1 of 1

Name of Additional Joint Inventor, if any: <i>handtekening de heer</i> <input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))	Family Name or Surname
GERARDUS ANTONIUS	SCHELLEKENS
Inventor's Signature	Date
<i>[Signature]</i>	July 12 2003 <i>datum!</i>
Residence: City	State Country Citizenship
Den Bosch	Netherlands Dutch
Post Office Address	
Tondeldoos 36	
City	State ZIP Country
5231 NB Den Bosch	Netherlands
Name of Additional Joint Inventor, if any: <i>handtekening de heer</i> <input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))	Family Name or Surname
JOZEP MARIA HENDRIK	RAATS
Inventor's Signature	Date
<i>[Signature]</i>	<i>datum!</i>
Residence: City	State Country Citizenship
Nijmegen	Netherlands Dutch
Post Office Address	
Van Diemerbroeckstraat 65	
Post Office Address	
NL-6512 BA	
City	State ZIP Country
Nijmegen	Netherlands
Name of Additional Joint Inventor, if any: <i>handtekening de heer</i> <input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))	Family Name or Surname
RENE MICHAEL ANTONIUS	BOET
Inventor's Signature	Date
<i>[Signature]</i>	<i>datum!</i>
Residence: City	State Country Citizenship
Nijmegen	Netherlands Dutch
Post Office Address	
Weezenhof 35 - 40	
Post Office Address	
NL 6536 RB	
City	State ZIP Country
Nijmegen	Netherlands

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

*Ed Keller*





*[Handwritten signature]*

Gezien voor de legalisatie van de handtekening van.

Seen for legalization of the signature of:

Vu pour légalisation de la signature de:

Es wird hiermit beglaubigt daß die Unterschrift von.

Visto para La Legalización de la Firma de:

*G.A. Schellekens*  
door mij, notaris, heden de

by me, civil-law notary, on this day of

par moi-même, notaire, aujourd'hui le

von dem unterzeichneten Notar anerkannt ist, heute der

door mí, Notario Público, hoy el

*2 juli 2003*



*[Handwritten signature]*